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DOCUMENTS CONSIDERED TO BE RELEVANT		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Category	Citation of document with indication, where appropriate, of relevant passages		
X	US 5 847 941 A (SAITO RYOJI ET AL) 8 December 1998 (1998-12-08) * column 13, line 40 - line 52; figures 9,11C *	1-31	H02M3/335
X	PATENT ABSTRACTS OF JAPAN vol. 015, no. 106 (E-1044), 13 March 1991 (1991-03-13) & JP 02 311171 A (NEC CORP), 26 December 1990 (1990-12-26) * abstract * * figures 1,2 *	1-18, 22-24, 27-31	
E	WO 02 060066 A (ERICSSON TELEFON AB L M ; ;ERIKSSON JONAS (SE)) 1 August 2002 (2002-08-01)	1-6, 8-10,12, 13, 15-17, 22-24, 27-31	
	* page 4; figure 3 *		TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			H02M
The present search report has been drawn up for all claims			
2	Place of search	Date of completion of the search	Examiner
	THE HAGUE	8 January 2004	Imbernon, L
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 02 25 2179

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
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